

Water-Data Report NV-2005

**393913119424003 Local number 085 N21 E20 26CAA4 LYSIMETER 2 DEEP**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°39'12.6", long 119°42'40.3" referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.26, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 10 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Jun 02...	1002	Interstitial water	4,040	69.4	71.5	140	.053	221

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Nov 02...	0955	Interstitial water	1,620	70.7	50.8	58.7	.522	108
30...	1017	Interstitial water	1,300	75.1	43.8	22.4	1.12	65.4
Dec 22...	1020	Replicate	1,030	72.5	44.2	12.9	.080	59.3
22...	1015	Interstitial water	1,020	72.1	44.3	13.5	.037	61.6